

To see the lateral line in *Xenopus*:

- 1) use older embryos, like st. 45-48
- 2) do not use gent! Gentamycin and neomycin kill the neuron cells.
- 3) If seeing live, do this:
 - stain w/ FM1-43 dye for 7 minutes (not longer)
 - wash in plain water (not MMR)
 - view on fluorescent scope.
 - If using the fixable form of the dye, fix it, but in my experience, it doesn't actually last past immunohistochemistry...
- 4) If doing immunohistochemistry with a marker (like the NompC channel antibody from Stefan Gruender),
 - Make sure to bleach with peroxide/MeOH
 - Doing Alk-Phos/fluorescence doesn't work well if you add primaries and secondaries together. Do the AP detection, post-fix, and then do immuno with fluorescence. Or, just do it with 2 different fluorescent colors.